

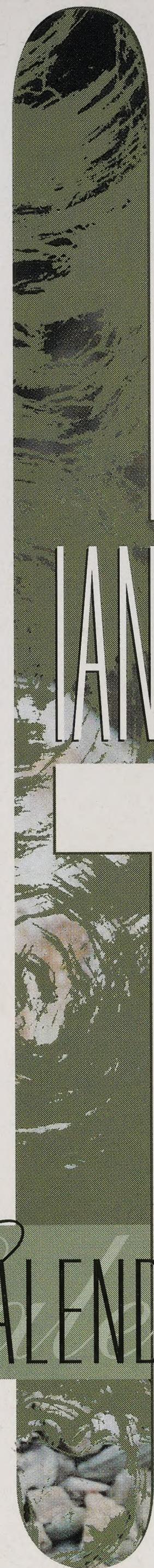
ZOOGOER

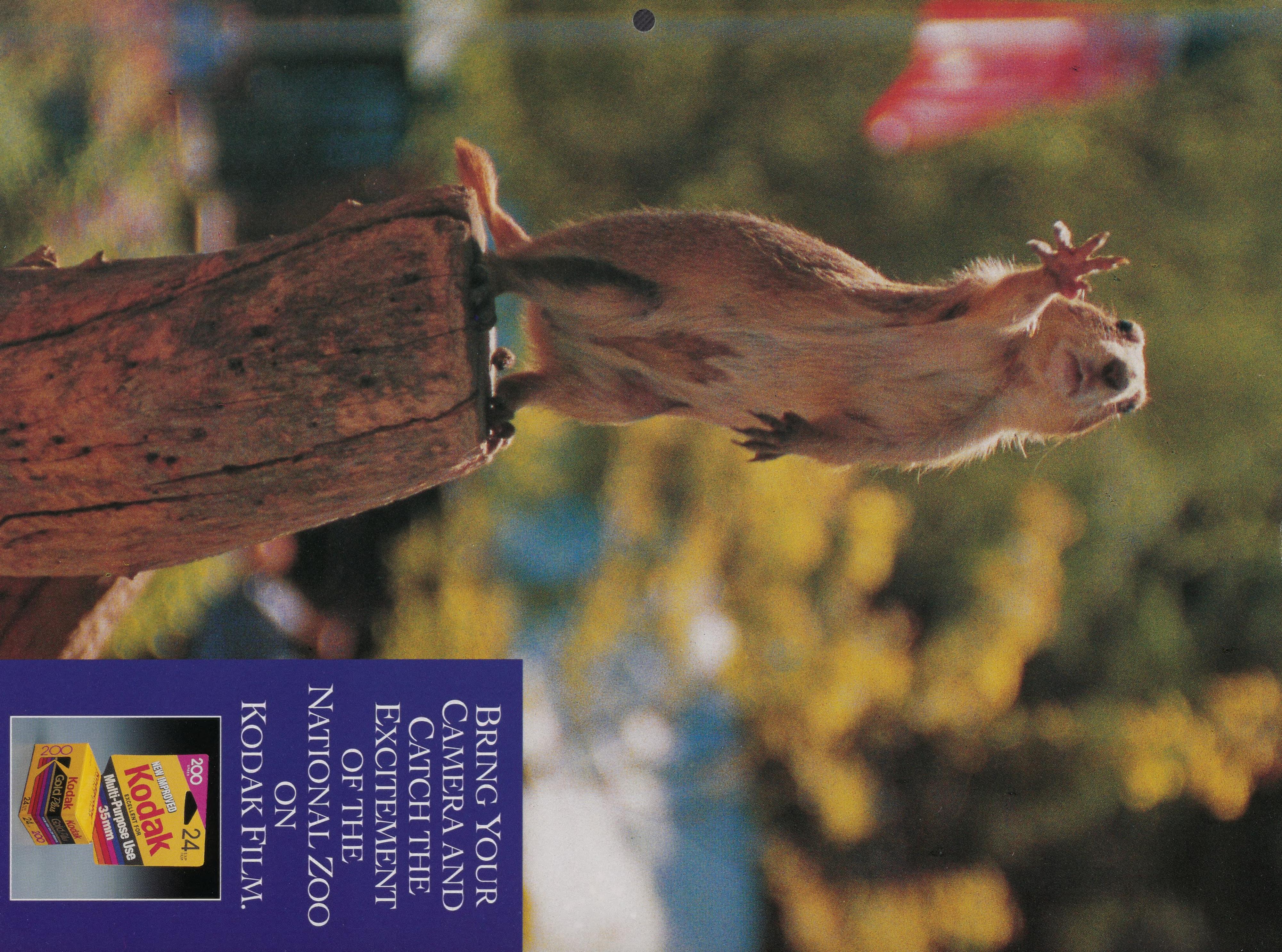
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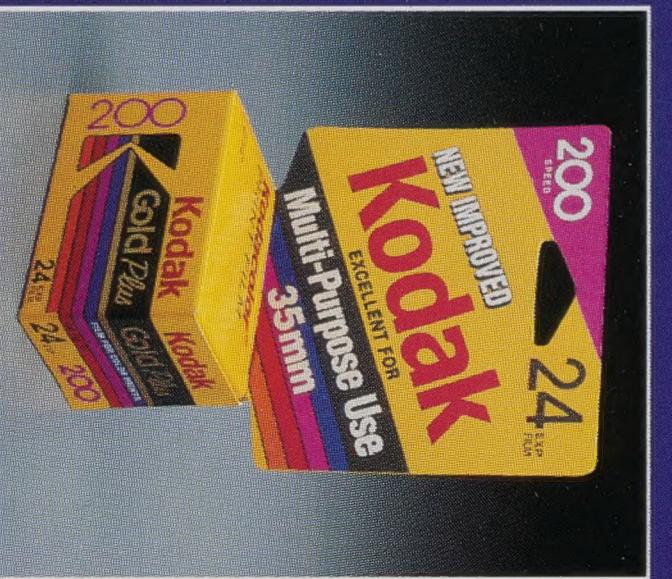


94 CALENDAR





BRING YOUR
CAMERA AND
CATCH THE
EXCITEMENT
OF THE
NATIONAL ZOO
ON
KODAK FILM.





The Andean condor (*Vultur gryphus*) is the world's largest raptor (bird of prey). (Jessie Cohen/NZP)

The 1994 *ZooGoer* calendar depicts the National Zoo's animal giants. Some are truly giants—elephants and giraffes, for instance. Others are giants of their kind—bird-eating spiders, goliath herons, and Caribbean giant hermit crabs. Size, after all, is relative: Compared to a 100-ton blue whale, an African elephant at a mere five tons is a dwarf. And, size ranges within various animal groups can be enormous. A bird-eating spider, for example, is more than 200 times larger than the smallest midget spider.

Size has profound effects on most aspects of animals' biology, from thermoregulation and reproductive output to feeding ecology and home-range size. This, in turn, has important conservation implications. In general, larger animals have lower reproductive output, exist at lower absolute numbers, and have greater food and space needs per individual than smaller animals.

Large animals thus feel more acutely the effects of habitat loss, and are less able to withstand or recover from high rates of mortality due to hunting and poaching. As a result, many of the world's animal giants are endangered, including many of those pictured on the following pages. With growing numbers of people moving into the world's last wildernesses, there soon may be no room left for giants.

In the next year, we will highlight animal giants in *ZooGoer*, exploring their status in the wild and the efforts of National Zoo scientists and curators to help save them. The theme of FONZ's 1994 National ZooFari will also be Giants so we can create a broader awareness that the future of these magnificent creatures is in our hands.



The African elephant (*Loxodonta africana*) is the world's largest land mammal. (Lisa Strong-Aufhauser)

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

December						
S	M	T	W	T	F	S
	1	2	3	4		
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February						
S	M	T	W	T	F	S
	1	2	3	4	5	
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28					

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New Year's Day 1

2

3

● Last quarter 4

5

6

7

8

9

10

● New moon 11

12

13

14

15

16

Martin Luther King Jr.'s Birthday (Observed) 17

18

● 1st quarter 19

20

21

22

23

24

25

26

27

28

29

30

31



IANTS

JANUARY



The trumpeter swan (*Olor buccinator*) is the largest swan as well as the world's largest waterfowl. (Jessie Cohen/NZP)

*SUNDAY**MONDAY**TUESDAY**WEDNESDAY**THURSDAY**FRIDAY**SATURDAY*

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1

Groundhog Day

2

● Last quarter

3

4

5

6

7

8

9

● New moon

10

Lincoln's Birthday

12

13

Valentine's Day

14

15

Ash Wednesday

16

17

● 1st quarter

18

19

20

Presidents' Day

21

Washington's Birthday

22

23

24

○ Full moon

25

26

27

28

JANUARY

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

MARCH

S	M	T	W	T	F	S
	1	2	3	4	5	
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

IANTS**February**

The greater one-horned rhinoceros (*Rhinoceros unicornis*) is the second largest rhinoceros in the world. (Gary Jacob)



*SUNDAY**MONDAY**TUESDAY**WEDNESDAY**THURSDAY**FRIDAY**SATURDAY*

FEBRUARY						
S	M	T	W	T	F	S
1	2	3	4	5		
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28			24	25	26

APRIL						
S	M	T	W	T	F	S
				1	2	
				3	4	5
				6	7	8
				9	10	11
				12	13	14
				15	16	17
				18	19	20
				21	22	23
				24	25	26
				27	28	29
				30		

FONZ's Seal Days 6		7	8	9	10	11	12
-----------------------	--	---	---	---	----	----	----

13	14	15	16	St. Patrick's Day 17	18	19	
----	----	----	----	-------------------------	----	----	--

● 1st quarter Vernal equinox 20	21	22	23	24	25	26	
---------------------------------------	----	----	----	----	----	----	--

○ Full moon Passover Palm Sunday 27	28	29	30	31			
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3
March

ANTS



The Kodiak bear (*Ursus arctos middendorffi*), along with the polar bear, is the world's largest terrestrial carnivore. (Gary Jacob)

SUNDAY**MONDAY****TUESDAY****WEDNESDAY****THURSDAY****FRIDAY****SATURDAY**

MARCH						
S	M	T	W	T	F	S
1	2	3	4	5		
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

MAY						
S	M	T	W	T	F	S
	1	2	3	4	5	6
	8	9	10	11	12	13
	15	16	17	18	19	20
	22	23	24	25	26	27
	29	30	31			

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Easter
Daylight saving
time begins.

3

Easter Monday
celebration

4**5****6****7****8****9**

● New moon

10**11****12****13****14****15****16****17**

● 1st quarter

18**19****20****21****22**

Earth Day celebration

23

Earth Day celebration

24

○ Full moon

25**26****27****28****29****30**

APRIL

PLANTS



The sarus crane (*Grus antigone*) is the world's tallest flying bird. (Jessie Cohen/NZP)

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

1

● Last quarter

2

3

4

5

6

7

Mother's Day

8

● New moon

10

11

12

13

14

15

16

17

● 1st quarter

18

FONZ's National
ZooFari

19

20

21

Preakness cleanup

22

23

○ Full moon

24

25

26

27

28

29

Memorial Day

30

31

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APRIL

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

JUNE

S	M	T	W	T	F	S
					1	2
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

JANTS

MAY



The red kangaroo (*Macropus rufus*) is the largest kangaroo as well as the world's largest marsupial. (Jessie Cohen/NZP)

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

MAY						
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

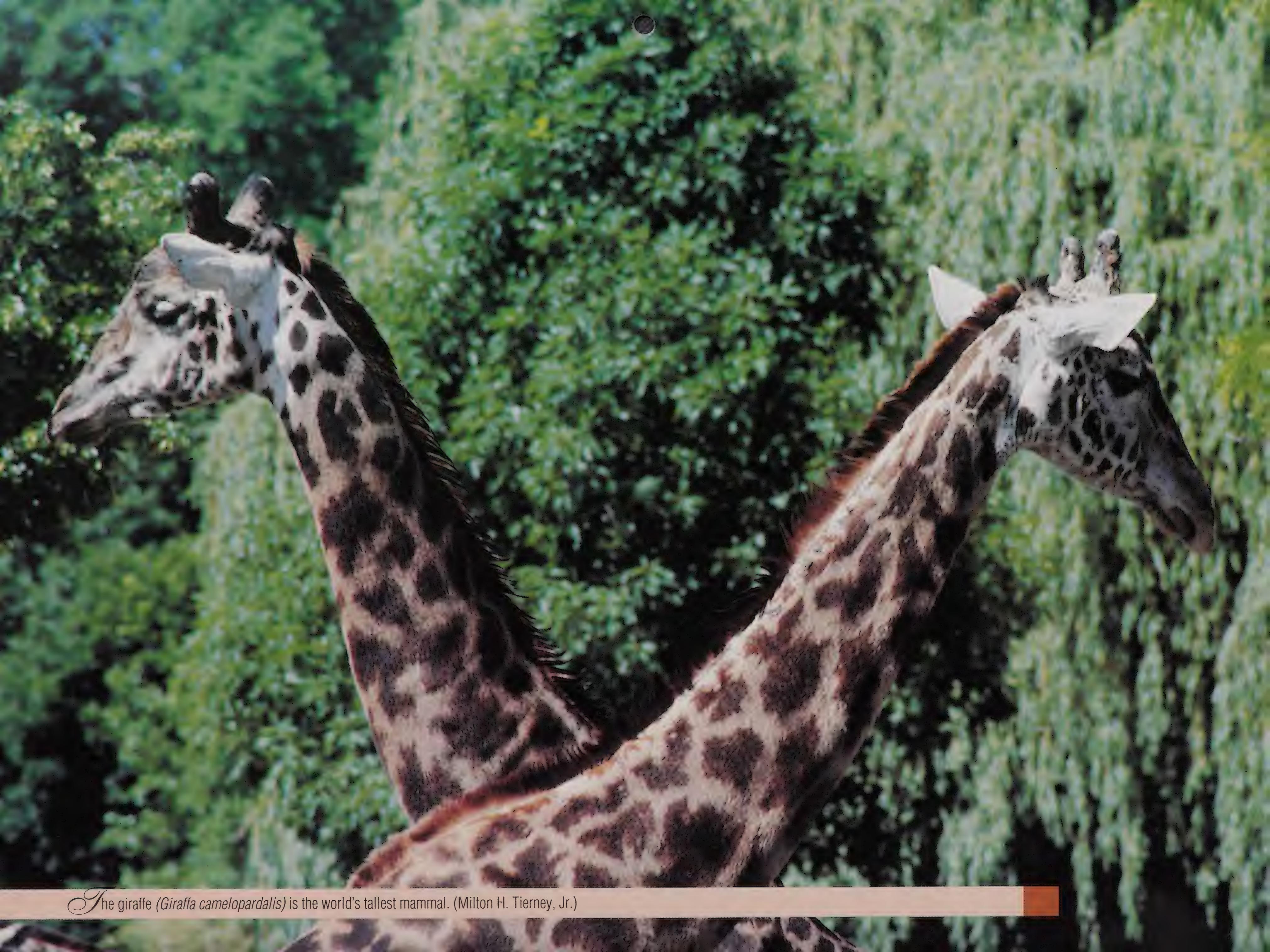
JULY						
S	M	T	W	T	F	S
				1	2	
				3	4	5
				6	7	8
				9	10	11
				12	13	14
				15	16	17
				18	19	20
				21	22	23
				24	25	26
				27	28	29
				30		
						31

				● Last quarter	1	2	3	4
5	6	7	8	● New moon	9	Zoo Night	10	11
12	13	Flag Day	14	● 1st quarter	15	16	17	18
Father's Day	19	20	Summer solstice	21	22	○ Full moon	23	Zoo Night
26	Summer Safari begins	27		28	29	● Last quarter	30	
						Sunset Serenades		

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6 JUNE

ANTS



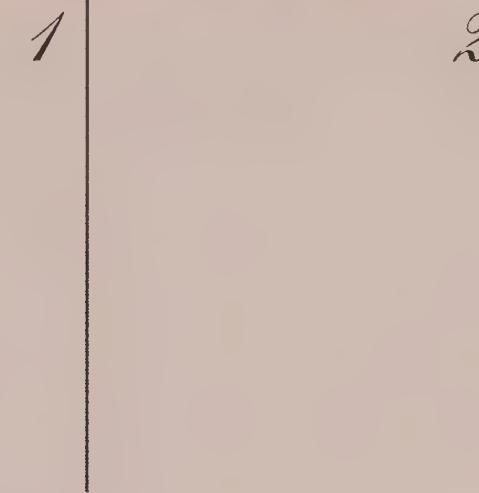
The giraffe (*Giraffa camelopardalis*) is the world's tallest mammal. (Milton H. Tierney, Jr.)

SUNDAY**MONDAY****TUESDAY****WEDNESDAY****THURSDAY****FRIDAY****SATURDAY**

JUNE						
S	M	T	W	T	F	S
1	2	3	4			
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

AUGUST						
S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

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3 Independence Day **4**

5

6

Sunset Serenades

7 ● New moon

8 **9**

10

11

12

13

Sunset Serenades

14 ○ 1st quarter

15 **16**

17

18

19

20

Sunset Serenades

21 ○ Full moon

22 **23**

24

25

26

27

Sunset Serenades

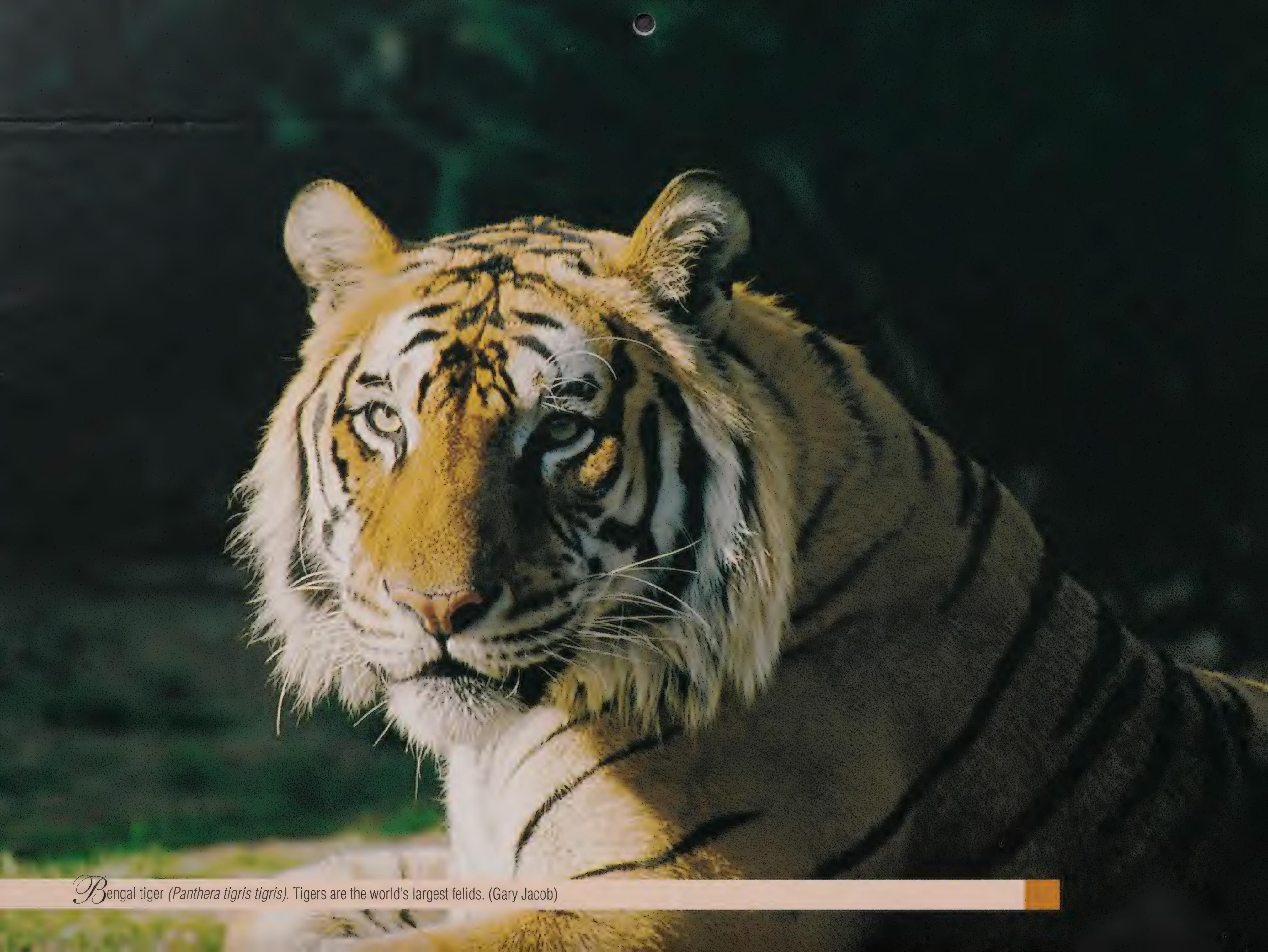
28

29 ● Last quarter

31

ANTS

1 JULY



Bengal tiger (*Panthera tigris tigris*). Tigers are the world's largest felids. (Gary Jacob)

*SUNDAY**MONDAY**TUESDAY**WEDNESDAY**THURSDAY**FRIDAY**SATURDAY*

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1

2

3

Sunset Serenades

4

5

6

● New moon

7

8

9

10

11

12

13

● 1st quarter

14

15

16

17

18

19

20

○ Full moon

21

22

23

24

25

26

27

28

● Last quarter

29

30

31

JULY

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
					31	

SEPTEMBER

S	M	T	W	T	F	S
					1	2
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

IANTS**1 AUGUST**



The ostrich (*Struthio camelus*) is the world's largest bird. (Jessie Cohen/NZP)

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

AUGUST						
S	M	T	W	T	F	S
1	2	3	4	5	6	
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

OCTOBER						
S	M	T	W	T	F	S
						1
						2
						3

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4

● New moon
Labor Day

5

Rosh Hashanah

6

7

8

9

10

11

● 1st quarter

12

13

14

Yom Kippur

15

FONZ's beach cleanup
FONZ fall classes
for children begin

17

18

○ Full moon

19

20

21

22

Autumnal equinox

23

24

25

26

● Last quarter

27

28

29

30

 SEPTEMBER

IANTS



The gorilla (*Gorilla gorilla*) is the world's largest primate. (Gary Jacob)

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

SEPTEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

NOVEMBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

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2

3  New moon

4

5

6

7

8

9

Columbus Day
(Observed)

10

 1st quarter

11

12

13

FONZ Annual Meeting

14

15

16

17

18

 Full moon

19

20

21

22

23

24

25

26

 Last quarter

27

28

29

30

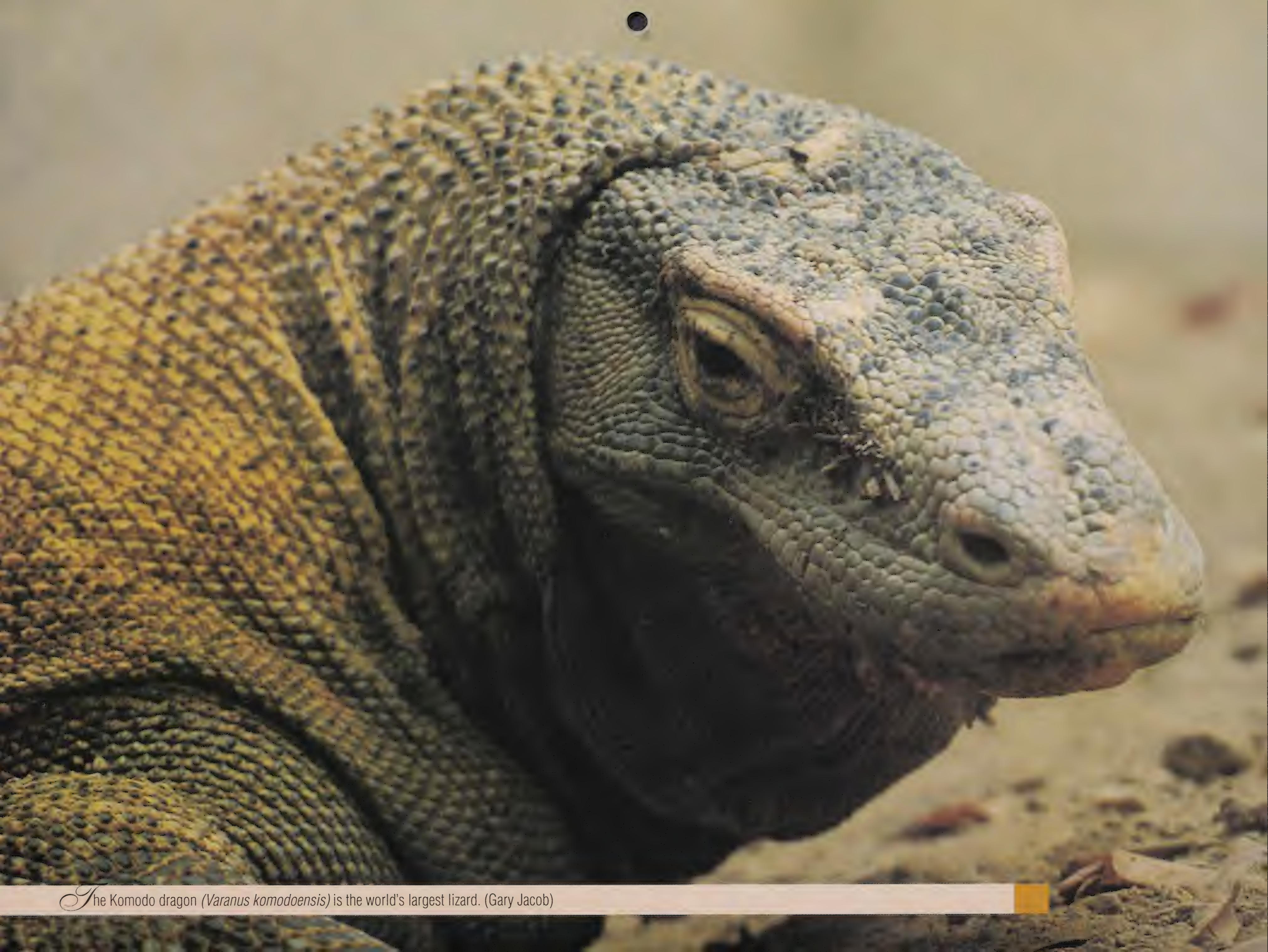
31

Halloween

OCTOBER
10



IANTS



The Komodo dragon (*Varanus komodoensis*) is the world's largest lizard. (Gary Jacob)

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

OCTOBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

DECEMBER

S	M	T	W	T	F	S
						1
						2
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1

2

● New moon

3

4

5

6

7

Election Day

8

9

● 1st quarter

10

Veterans' Day

11

12

13

14

15

16

17

○ Full moon

18

19

20

21

22

23

Thanksgiving Day

24

25

● Last quarter

26

27

Hanukkah

28

29

30

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IANTS

November



The goliath heron (*Ardea goliath*) is the world's largest heron. (Jessie Cohen/NZP)

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

NOVEMBER

S	M	T	W	T	F	S
1	2	3	4	5		
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

JANUARY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

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1 ● New moon
2
3

4
5
6
7
8 ● 1st quarter
9
10

11
12
13
14
15
16 ○ Full moon
17

18
19
20 Winter solstice
21
22
23
24

● Last quarter
Christmas Day

25
26
27
28
29
30 New Year's Eve
31

DECEMBER

IANTS



The goliath bird-eating spider (*Theraphosa blondi*) is the world's largest spider. (Jessie Cohen/NZP)

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

● New moon
New Year's Day

1

2

3

4

5

6

7

● 1st quarter

8

9

10

11

12

13

14

15

○ Full moon
Martin Luther King Jr.'s
Birthday (Observed)

16

17

18

19

20

21

22

● Last quarter

23

24

25

26

27

28

29

30

31

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DECEMBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

FEBRUARY

S	M	T	W	T	F	S
				1	2	3
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

IANTS

JANUARY

ZOOGOER

VOLUME 22 • NUMBER 5 • SEPTEMBER • OCTOBER 1993



is a nonprofit organization of individuals, families, and organizations who are interested in helping to maintain the status of the National Zoological Park as one of the world's great zoos, to foster its use for education, research, and recreation, to increase and improve its facilities and collections, and to advance the welfare of its animals.

ZooGoer [ISSN 0163-416X] is published six times a year by Friends of the National Zoo to promote its aims and programs, and to provide information about FONZ activities to its members, volunteers, and others interested in the purposes of FONZ. The non-member subscription rate is \$12 a year. Third class mailing permit no. 6282. Copyright 1993, Friends of the National Zoo, National Zoological Park, Washington, D.C. 20008. All rights reserved.

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Hours: From October 16 to April 14, grounds are open from 8:00 a.m. to 6:00 p.m.; buildings, 9:00 a.m. to 4:30 p.m.

From April 15 to October 15, grounds are open from 8:00 a.m. to 8:00 p.m.; buildings, 8:00 a.m. to 6:00 p.m.

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Cover: The Caribbean giant hermit crab (*Petrochirus diogenes*) is the largest hermit crab of the Atlantic Ocean. (Jessie Cohen/NZP)

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Account no. _____

Signature _____ Exp. date _____

I have enclosed a personal check

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After the first year, the variable rate as of August 31, 1993 would be 14.9% for a gold card, 15.9% for a standard card, and 19.8% for a basic card. The variable APR for cash advances would be 19.8%. The annual fee would be \$30 for a gold card, \$20 for a standard card, and \$20 for a basic card. The transaction fee for cash advances is 2% of the advance with a minimum of \$2 and a maximum of \$10.

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